



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: de Jong et al.
SERIAL NO.: 10/014,893
FILING DATE: October 29, 2001
TITLE: USER ACCESS CONTROL TO DISTRIBUTED RESOURCES ON
A DATA COMMUNICATIONS NETWORK
EXAMINER: [not yet assigned]
ART UNIT: [not yet assigned]

CERTIFICATE OF MAILING

I hereby certify that this paper is being deposited with the United States Postal Service as First Class
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Date: 3/19/02Name: Diane Morse
Diane Morse

COMMISSIONER FOR PATENTS
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INFORMATION DISCLOSURE STATEMENT

Each item of information listed in the attached FORM PTO-1449, for which a
copy of each is attached, may be material to the examination of the above-identified
application and is, therefore, submitted in compliance with the duty of disclosure defined
in 37 CFR §§ 1.56, 1.97 and 1.98. The Examiner is requested to make these items of
official record in this application.

This Information Disclosure Statement under 37 CFR §§ 1.56, 1.97 and 1.98 is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any one or more of these items constitutes prior art.

I

This statement is filed pursuant to:

- (X) 37 C.F.R. § 1.97(b).
This information disclosure statement is filed either (1) within three months of the filing date of a national application other than a continued prosecution application under §1.53(d); (2) within three months of the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 in an international application; or (3) before the mailing date of a first office action on the merits, whichever event occurs last.

Accordingly, this information disclosure statement requires no fee and no certification.

- () 37 C.F.R. § 1.97(c).
This information disclosure statement is filed after the period specified in 37 C.F.R. § 1.97 (b), but before the mailing date of either (1) a final action under 37 C.F.R. § 1.113; (2) a notice of allowance under 37 C.F.R. § 1.311; or (3) an action that otherwise closes prosecution in the application.

Accordingly, this information disclosure statement requires either the fee specified in 37 C.F.R. § 1.17 (p) for submission of an information disclosure statement under 37 C.F.R. § 1.97 (c) (\$180); or a certification according to 37 C.F.R. § 1.97 (e).

- () 37 C.F.R. § 1.97(d).
This information disclosure statement is filed after the period specified in 37 C.F.R. § 1.97 (c).

Accordingly, this information disclosure statement requires the fee specified in 37 C.F.R. § 1.17 (p) to consider an information disclosure statement under 37 C.F.R. § 1.97(d) (\$180), and a certification according to 37 C.F.R. § 1.97(e).

If this statement crosses in the mail with an office action, or is otherwise not in the indicated category of 37 C.F.R. § 1.97, it is respectfully requested that this statement be treated in the next appropriate category and made of record. To the extent required, please treat this paper as a conditional petition for acceptance of the information disclosure statement.

II

- (X) No fee is due.
- () The fee specified in 37 C.F.R. § 1.17(p) for submission of an information disclosure statement under 37 C.F.R. § 1.97(c) is enclosed (\$180).

Please charge any additional required fee or credit any overpayment to our deposit account number 50-1698. An additional copy of this page is enclosed.

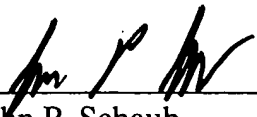
III

Pursuant to 37 C.F.R. § 1.97(e), I certify:

- (X) No certification is necessary.
- () (1) Each item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the statement.
- () (2) No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c), more than three months prior to the filing of the statement.

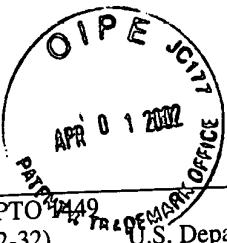
Respectfully submitted,
THELEN REID & PRIEST LLP

Dated: March 19, 2002

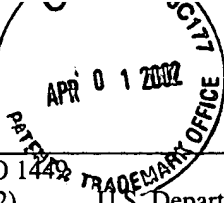


John P. Schaub
Reg. No. 42,125

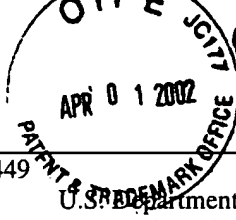
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| Form PTO-449 (Rev. 2-32) | | | | U.S. Department of Commerce Patent and Trademark Office | | Atty. Docket No. SUN-6992 | | Serial No. 10/014,893 | |
| Information Disclosure Statement by Applicant (Use several sheets if necessary) | | | | | | Applicant: de Jong et al. | | | |
| | | | | | | Filed: 10/29/01 Group: | | | |
| U.S. Patent Documents | | | | | | | | | |
| Init. | | Document No. | Date | Name | Class | Subclass | Filing Date | | |
| | A | 5,721,781 | 02/24/98 | Deo et al. | 380 | 25 | 09/13/95 | | |
| | B | 5,742,756 | 04/21/98 | Dillaway et al. | 395 | 186 | 02/12/96 | | |
| | C | 5,802,519 | 09/01/98 | De Jong | 707 | 100 | 02/08/95 | | |
| | D | 5,844,218 | 12/01/98 | Kawan et al. | 235 | 380 | 07/16/96 | | |
| | E | 5,930,363 | 07/27/99 | Stanford et al. | 380 | 24 | 03/17/95 | | |
| | F | 6,052,690 | 04/18/00 | De Jong | 707 | 101 | 08/27/98 | | |
| | G | 6,094,656 | 07/25/00 | De Jong | 707 | 100 | 08/02/96 | | |
| Foreign Documents | | | | | | | | | |
| Init. | | Document No. | Date | Country | Class | Subclass | Translation | | |
| | H | 0 748 135 | 11/12/96 | Europe | H04Q 7 | 22 | Yes | No | |
| | I | 94/30023 | 12/22/94 | PCT | H04Q 7 | 04 | X | | |
| | J | 97/45817 | 12/04/97 | PCT | G07F 7 | 10 | X | | |
| | K | 98/19237 | 05/07/98 | PCT | G06F 9 | 46 | X | | |
| | L | 00/00890 | 01/06/00 | PCT | G06F 11 | 00 | X | | |
| | M | 01/06391 | 01/25/01 | PCT | G06F 17 | 00 | X | | |
| Other Documents (Including Author, Title, Date, Pertinent Pages, etc.) | | | | | | | | | |
| | N | 1998 Advanced Card Technology Sourcebook, Copyright 1997; Faulkner & Gray, "Sun Rises Over Smart Cards", pp. 150-154. | | | | | | | |
| | O | Anderson et al., "A New Family of Authentication Protocols", Cambridge University Computer Laboratory, England, pp. 1-13. | | | | | | | |
| | P | Berlind, David, "Who Do You Trust?", October 16, 2001, printed from http://www.zdnet.com/filters/printerfriendly/0.6061.2818131-92.00.html on 1/9/02. | | | | | | | |
| | Q | Dreifus, H., "Smart Cards: A guide to Building and Managing Smart Card Applications; Copyright 1998; Publisher Robert Ipsen; "Smart Card Development Skills, Methods, and Tools"; pp. 159-225. | | | | | | | |
| | R | Evers, Joris, "Update: Sun, others form MS Passport alternative", Sun Microsystems, Inc., September 26, 2001, printed from http://www.computerworld.com/cwi/Printer_Friendly_Version/0.1212,NAV47_STO64233-.00... on 1/8/02. | | | | | | | |
| | S | Fisher, Dennis, "Sun unveils open alternative to Passport", September 26, 2001, printed from http://zdnet.com/filters/printerfriendly/0.6061.2814885-54.00.html on 1/9/02. | | | | | | | |
| | T | Garvey et al., "Sun Leads Authentication Alliance", September 27, 2001, printed from http://www.informationweek.com/story/IWK20010927S0001 on 1/9/02. | | | | | | | |
| | U | Goldreich, Oded, "The Foundations of Modern Cryptography", May 2, 1998, Department of Computer Science and Applied Mathematics, Weizmann Institute of Science, Rehovot, Israel, Version Nr. 3.1, pp. 0-41. | | | | | | | |
| Examiner | | | | | Date Considered | | | | |
| Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant. | | | | | | | | | |



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| (Use several sheets if necessary) | | | Filed: 10/29/01 Group: | |
| Other Documents (Including Author, Title, Date, Pertinent Pages, etc.) | | | | |
| | V | Gong et al., "Going Beyond the Sandbox: An Overview of the New Security Architecture in the Java TM Development Kit 1.2", USENIX Symposium on Internet Technologies and Systems-December 8-11, 1997, pp. 103-112. | | |
| | W | Haller, et al. "Description of the S/KEY One-Time Password System", printed on 1/9/02 from http://math.lanl.gov/~aric/Skey/skey.txt , 5 pages. | | |
| | X | Hawblitzel, et al., "Implementing Multiple Protection Domains in Java", Technical Report 97-1660, Department of Computer Science, Cornell University. | | |
| | Y | Heiss, J. et al., "Java Card™ Technology Grows Up Smart", printed on 4/22/00 at http://java.sun.com/features/1999/01/javacard.html , 5 pages. | | |
| | Z | Islam, N. et al., "A Flexible Security Model for Using Internet Content", IBM Thomas J. Watson Research Center Papers, 'Online!', 6/28/97. | | |
| | AA | "Kerberos: The Network Authentication Protocol", printed from http://web.mit.edu/kerberos/www/ on 1/9/02. | | |
| | AB | "Liberty Alliance Project- The Liberty Alliance Project", printed from http://www.projectliberty.org/ on 1/8/02. | | |
| | AC | "Liberty Alliance Project-Industry Leaders to Form Network Identity and Liberty Alliance Project", printed from http://www.projectliberty.org/release.html on 1/8/02. | | |
| | AD | "Liberty Alliance Project-FAQ", printed from http://projectliberty.org.faq.html on 1/8/02. | | |
| | AE | Lindholm, et al., "The JAVA™ Virtual Machine Specification", September 20, 1996. | | |
| | AF | Naor, et al., "Universal One-Way Hash Functions and their Cryptographic Applications", March 13, 1995, pp. 1-14. ✓ | | |
| | AG | Schneider, Professor Fred B., "Authentication-Lamport hash and biometrics", March 4, 1999, CS 513 - System Security, Lecture 12, printed from http://www.cs.cornell.edu/html/cs513-sp99/NL12.html on 1/9/02. ✓ | | |
| | AH | Sun Microsystems, Inc., "Java Card™ Runtime TM Environment (JRCE) 2.1 Specification, Draft 2", 12/14/98, US XP002138793 cited in the application page 6-2 page 6-10. ✓ | | |
| | AI | Sun Microsystems, Inc., "How to write a Java Card applet: A developer's guide", printed on 4/22/00 from http://www.javaworld.com/javaworld/jw-07-1999/f_jw-070javacard_p.html , 15 pages. ✓ | | |
| | AJ | Sun Microsystems, Inc. "Smart Cards: A primer", printed on 4/22/00 from http://www.javaworld.com/javaworld/jw-12-1997/f_jw-12-javadev_p.html , 13 pages. ✓ | | |
| | AK | Sun Microsystems, Inc., "Sun's Java Card™ Technology Extends its Industry Leadership", printed 4.22.00 from http://java.sun.com/pr/1999/11/pr991116-01.html 1, 5 pages. | | |
| | AL | Sun Microsystems, Inc., "Understanding Java Card 2.0", printed on 4/22/00 from http://www.javaworld.com/javaworld/jw-03-1998/f_jw-03-javadev_p/html , 12 pages. ✓ | | |
| | AM | Sun Microsystems, Inc., "Java Card™ Applet Developer's Guide", August 19, 1998, Revision 1.12. ✓ | | |
| | AN | Sun Microsystems, Inc., "Java Card™ 2.0 Application Programming Interfaces", October 13, 1997, Revision 1.0 Final. ✓ | | |
| | AO | Sun Microsystems, Inc., "Java Card™ 2.0 Language Subset and Virtual Machine Specification", October 13, 1997, Revision 1.0 Final. | | |
| Examiner | | Date Considered | | |
| Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant. | | | | |



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| Information Disclosure Statement by Applicant | | | Applicant: de Jong et al. | |
| (Use several sheets if necessary) | | | Filed: 10/29/01 Group: | |
| Other Documents (Including Author, Title, Date, Pertinent Pages, etc.) | | | | |
| | AP | Sun Microsystems, Inc., "Java Card™ 2.0 Programming Concepts", October 15, 1997, Revision 1.0 Final. | | |
| | AQ | Sun Microsystems, Inc., "Java Card™ 2.1 Application Programming Interface", June 7, 1999, Final Revision 1.1. | | |
| | AR | Sun Microsystems, Inc., "Java Card™ 2.1 Runtime Environment (JRCE) Specification", June 7, 1999, Final Revision 1.1. | | |
| | AS | Sun Microsystems, Inc., "Java Card™ 2.1 Virtual Machine Specification", June 7, 1999, Final Revision 1.1. | | |
| | AT | Sun Microsystems, Inc., "Release Notes - Java Card™ 2.1 Specifications", June 7, 1999, Final Revision 1.1. | | |
| | AU | Sun Microsystems, Inc., "The K Virtual Machine (KVM)", White Paper, 6/8/99. | | |
| | AV | Thomas, David J., "Smart and Smarter: The Emergence of Java Card™ Technology", printed on 4/22/00 from http://java/sun.com/features/1998/04/javacard.html , 8 pages. | | |
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